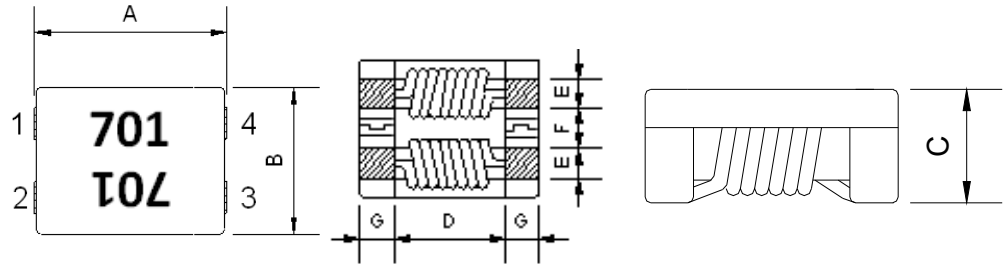
Wire Wound Power Common Mode Filter WCM1211FASO-SERIES-LM

1. Features

1. Operating temperature-40~+125℃ (Including self - temperature rise).
2. Use recommended PCB footprint and stencil designs to minimize assembly risks.

Halogen-free RoHS

2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
WCM1211	12.0±0.5	11.0±0.3	6.0 max.	6.7 typ.	2.7±0.5	2.6±0.5	2.6±0.5

Unit: mm

3. Part Numbering

WCM	1211	F	A	S	O	-	701	-	LM
A	B	C	D	E	F		G		H

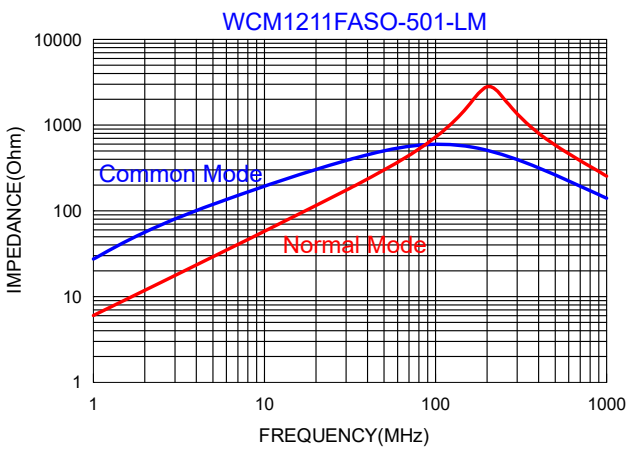
A: Series
B: Dimension
C: Material Ferrite Core
D: Process Assembled
E: Type S=Shielded, N=Unshielded
F: Category Code Industrial Grade
G: Impedance 701=700Ω
H: Laser Marking

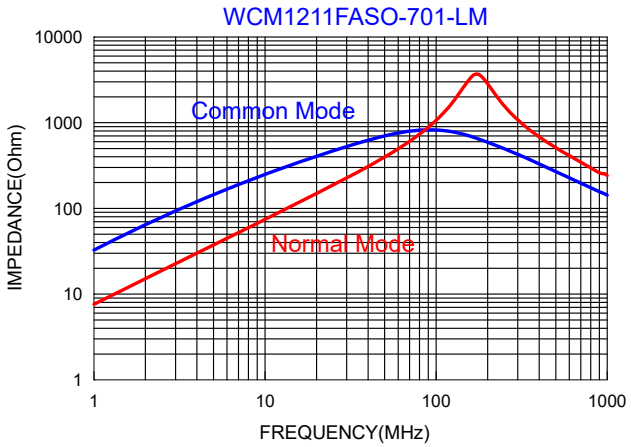
4. Specification

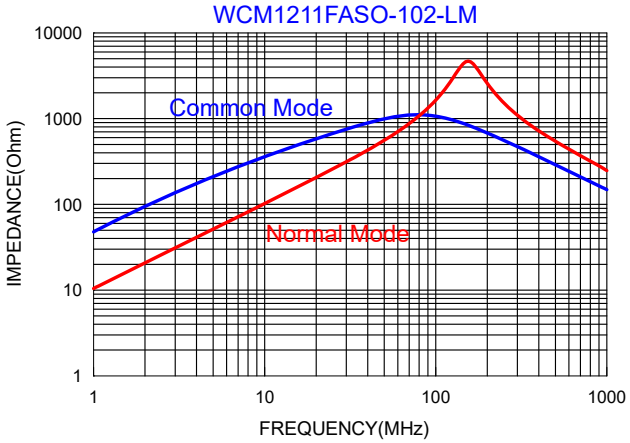
TAI-TECH Part Number	Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	Insulation Resistance (MΩ) min.
	min.	typ.					
WCM1211FASO-501-LM	300	500	100	4	11	80	10
WCM1211FASO-701-LM	500	700	100	5	9	80	10
WCM1211FASO-102-LM	750	1000	100	8	7	80	10
WCM1211FASO-172-LM	1200	1700	100	12	5.5	80	10

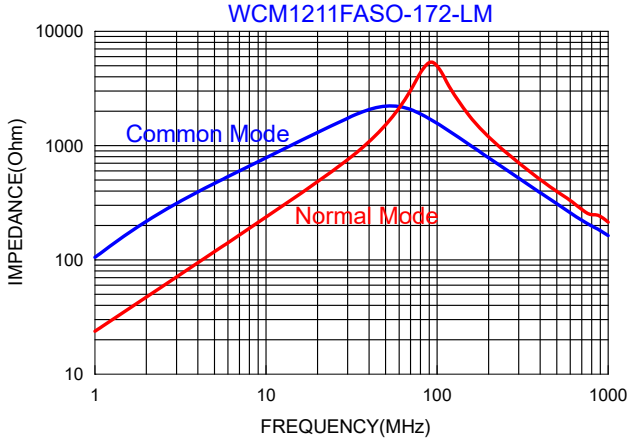
Note:

- Measurement board data
  Material: FR4
  Board dimensions: 100 X 50 X 1.6t mm
  Pattern dimensions: 45 X 30 mm (Double side board)
  Pattern thickness: 50 μm
- All test data referenced to 25℃ ambient

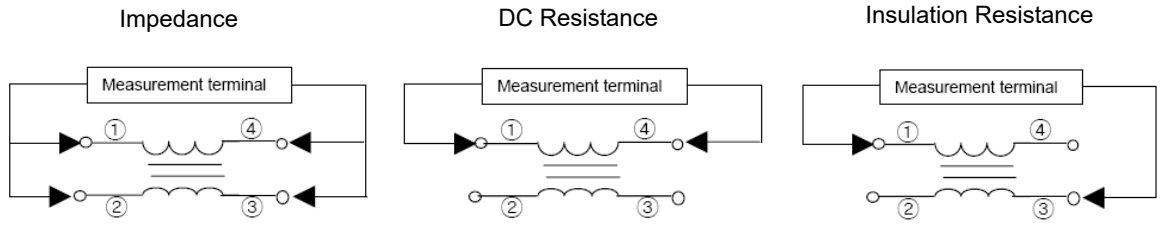








5. Schematic Diagram



6. Recommended PC Board Pattern

	WCM1211
L(mm)	14.0
H(mm)	7.9
G1(mm	7.4
G2(mm	2.5

